The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (cancelled)

2. (Currently amended) The Nuclear Myosin I β protein of claim 1 wherein the amino acid sequence comprises:

| | | | |
|---|---|---|---|
| mryrasalgs | dgvrvtmesa | ltardrvgvq | dfvllenfts |
| eaafienlrr | rfrenliyty | igpvlvsvnp | yrdlqiysrq |
| hmeryrgvsf | yevpphlfav | adtvyralrt | errdqavmis |
| gesgagktea | tkrllqfyae | tcpapergga | vrdrllqsnp |
| vleafgnakt | lrndnssrfg | kymdvqfdfk | gapvgghils |
| ylleksrvvh | qnhgernfhv | fyqlleggee | etlrrlgler |
| npqsylylvk | gqcakvssin | dksdwkvmrk | alsvidfted |
| evedllsiva | svlhlgnihf | aadedsnaqv | ttenqlkylt |
| rllgvegttl | realthrkii | akgeellspl | nleqaayard |
| alakavysrt | ftwlvrkinr | slaskdaesp | swrsttvlgl |
| ldiygfevfq | hnsfeqfcin | ycneklqqlf | ieltlkseqe |
| eyeaegiawe | pvqyfnnkii | cdlveekfkg | iisildeecl |
| rpgeatdltf | lekledtvkp | hphflthkla | dqktrksldr |
| gefrllhyag | evtysvtgfl | dknndllfrn | lketmcssmn |
| pimaqcfdks | elsdkkrpet | vatqfkmsll | qlveilrske |
| payircikpn | dakqpgrfde | vlirhqvkyl | glmenlrvrr |
| agfayrrkye | aflqrykslc | petwpmwagr | pqdgvavlvr |
| hlgykpeeyk | mgrtkifirf | pktlfateds | levrrqslat |
| kiqaawrgfh | wrqkflrvkr | saiciqswwr | gtlgrrkaak |
| rkwaaqtirr | lirgfilrhs | prcpenaffl | dhvrasflln |
| lrrqlprnvl | dtswptpppa | lreasellre | lcmknmvwky |

| | | | |
|---|---|---|---|
| crsispewkq | qlqqkavase | ifkgkkdnyp | qsvprlfist |
| rlgteeispr | vlqslgsepi | qyavpvvkyd | rkgykprprq |
| llltpsavvi | vedakvkqri | dyanltgisv | sslsdslfvl |
| hvqrednkqk | gdvvlqsdhv | ietltktals | adrvnninin |
| qgsitfaggp | grdgiidfts | gsellitkak | nghlavvapr |

lnsr (SEQ ID NO:1).

3-4.    (cancelled)

5.    (Currently amended)  A peptide comprising an amino acid sequence
MRYRASALGSDGVRVT (SEQ ID NO:2).

6.    (cancelled)

7.    (original)  The peptide of claim 5 comprising an epitope with the amino
acid sequence FLAG.

8-17.   (cancelled)